

## AMENDMENTS TO SPECIFICATION

**At page 4 replace the paragraph bridging the last six lines with the following:**

Chloromethyl groups were introduced to the polymer backbone by using CMME, an acronym for chloromethylmethylether, and Lewis acid catalyst. The reaction was controlled by altering the variants like time, temperature (35-60)°C, and amount of CMME. After introducing the chloromethyl group, it is converted to an amino group by hydrazinolysis. After attaching the amino group to the newly developed support HDPA-PS a suitable linker HMPB were introduced.

**At page 6 amend lines 6-15 as follows:**

Example: For the preparation of 1% hexanediol propoxylate diacrylate crosslinked polystyrene, (0.30-0.35ml) hexanediol propoxylate diacrylate + (11.29-11.34ml) styrene are used. For 2% hexanediol propoxylate diacrylate crosslinked polystyrene, (0.60-0.69ml) hexanediol propoxylate diacrylate + (11.10-11.23ml) styrene are used. In this way we can prepare (1-20mol%) HDPA-PS.

For the preparation of (1-20mol%) HDPA-PS, in all cases we are taking initiator as benzoyl peroxide (300-600mg) and diluent as toluene (4-10ml) and polyvinyl alcohol (mol; weight below 1[[Lacks]] lac) as suspension stabilizer. The yield obtained is in the range (3-6g).

**At page 6 amend the final paragraph as follows:**

### Experiment-1

The acronyms used below are defined as follows:

HDPA            hexanediolpropoxylatediacrylate

HOBT           1-hydroxybenzotriazole

HBTU           2-(1H-benzotriazol-1-yl)-1,1,3,3-tetramethyluronium

hexafluorophosphate

DIEA           Diisopropylethylamine

ACP            Acyl carrier protein fragment

HDP-PS-HMPB-OH, PS-DVB-HMPB-OH and Sheppard resins, used for the synthesis of the well known C-terminal region of ACP fragment (65-74), exemplified many of the sequence dependant problems which may be encountered during the course of solid-phase peptide synthesis. Many problems that have led to poor synthetic results could be traced back to the internal development of secondary structure which competes specifically with the desired amide bond formation. Segments that promote inter chain aggregation result in dramatic reduction in amino group accessibility. Consequently, this particular ACP sequence has become a standard test of peptide to assess the efficiency of a new polymeric support. In order to demonstrate the synthetic ability of HDPAPS this notoriously difficult sequence was synthesized side-by-side using HDP-PS-HMPB-OH, PS-DVB-HMPB-OH and Sheppard resins.